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36-2545: Anti-IgG (Immunoglobulin Gamma Heavy Chain) (B-Cell Marker) Monoclonal Antibody(Clone: IG1707R)

Clonality :	Monoclonal
Clone Name :	IG1707R
Application :	IHC
Reactivity :	Human
Gene :	IGHG
Gene ID :	3500; 3501; 3502; 3503
Uniprot ID :	P01857; P01859; P01860; P01861
Alternative Name :	G1m Marker; G2m Marker; G3m Marker; G4m Marker; HDC; Heavy Chain Disease Protein; Human Immunglobulin G; Ig gamma1/2/3/4 Chain C Region; IGHG1; IGHG2; IGHG3; IGHG4; Immunoglobulin Heavy Constant 1/2/3/4
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant full-length human IGHG protein

Description

Recognizes a protein of 75kDa, identified as gamma heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), mu (IgM), epsilon (IgE), or delta (IgD), heavy chains, T-cells, monocytes, granulocytes, or erythrocytes. This antibody is useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas. The most common feature of these malignancies is the restricted expression of a single heavy chain class. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of recombinant MAb Purified by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);

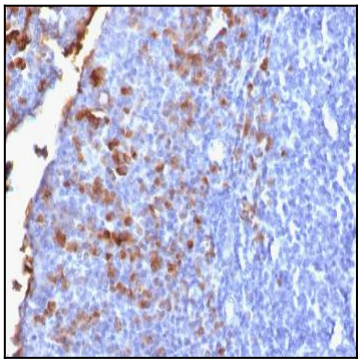

Fig. 1: Formalin-fixed, paraffin-embedded human Tonsil stained with IgG Rabbit Recombinant Monoclonal Antibody (IG1707R).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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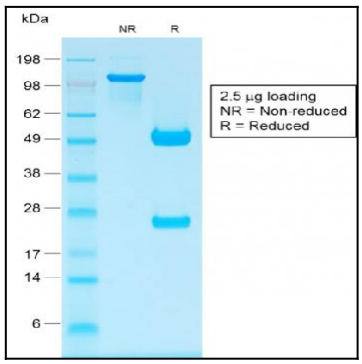

Fig. 2: SDS-PAGE Analysis Purified IgG Rabbit Recombinant Monoclonal Antibody (IG1707R). Confirmation of Purity and Integrity of Antibody.

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